Hydrobiologia

The International Journal of Aquatic Sciences

Volume 548, 1 October 2005

Primary Research Papers

Influence of salinity concentration on aquatic insect community structure: a mesocosm experiment in the Dead Sea Basin Region
A. Silberbush, L. Blaustein, Y. Margalith 1–10

The impact of the extreme floods in July 1997 on the ichthyocenosis of the Oder Catchment area (Czech Republic)
B. Lojkásek, S. Lusk, K. Halačka, V. Lusková, P. Drozd 11–22

The effects of food concentration and quality on the feeding rates of three size classes of the Greenshell™ mussel, *Perna canaliculus*
S. Hatton, B.J. Hayden, M.R. James 23–32

Spatial epidemiology of Caribbean yellow band syndrome in *Montastrea* spp. coral in the eastern Yucatan, Mexico
J.E. Foley, S.H. Sokolow, E. Girvetz, C.W. Foley, P. Foley 33–40

Feeding interrelationships and comparative morphology of two young sciaenids co-occurring in South-western Atlantic waters
P. Sardiña, A.L. Cazorla 41–49

Effects of a whole-lake, experimental fertilization on lake trout in a small oligotrophic arctic lake
P.W. Lienesch, M.E. McDonald, A.E. Hershey, W.J. O'Brien, N.D. Bettez 51–66

Short-term effects of high suspended sediments on six common New Zealand stream invertebrates
A.M. Suren, M.L. Martin, B.J. Smith 67–74

Foraminifera, environmental bioindicators in the highly impacted environments of the Mekong Delta
B.T. Luan, J.-P. Debenay 75–83

Water-level fluctuations in Mediterranean reservoirs: setting a dewatering threshold as a management tool to improve water quality
L. Naselli-Flores, R. Barone 85–99

The role of substrate type on benthic diatom assemblages in the Daly and Roper Rivers of the Australian wet/dry tropics
S.A. Townsend, P.A. Gell 101–115

Impacts of a toxic *Microcystis* bloom on the macroinvertebrate fauna of Lake Elphinstone, Central Queensland, Australia
S.H. White, L.J. Duivenvoorden, L.D. Fabbro 117–126

Zooplankton communities of a dammed estuary in the Bay of Fundy, Canada
C.I. Aubé, A. Locke, G.J. Klassen 127–139

***In situ* quantification of phytoplankton in reservoirs using a submersible spectrofluorometer**
J. Gregor, R. Geriš, B. Maršálek, J. Heteša, P. Marvan 141–151

Swimming behaviour of *Chironomus acerbiphilus* larvae in Lake Katanuma
S. Takagi, E. Kikuchi, H. Doi, S. Shikano 153–165

Fungal parasitism in freshwater calanoid population: ecological consequences and possible mechanisms involved in the infection process
G. Rossetti 167–176

Distribution and seasonal abundance of trematode parasites (Trematoda: Allocreadiidae: *Crepidostomum* spp.) in burrowing-mayfly nymphs (Ephemeroptera: Ephemeridae: *Hexagenia* spp.) from connecting rivers of the Laurentian Great Lakes
D.W. Schloesser 177–189

Enrichment in trace metals (Al, Mn, Co, Cu, Mo, Cd, Fe, Zn, Pb and Hg) of macroinvertebrate habitats at hydrothermal vents along the Mid-Atlantic Ridge
E. Kádár, V. Costa, I. Martins, R.S Santos, J.J. Powell 191–205

Associated community with the zoanthid *Palythoa caribaeorum* (Duchassaing & Michelotti, 1860) (Cnidaria, Anthozoa) from littoral of Pernambuco, Brazil
C.D. Pérez, D.A. Vila-Nova, A.M. Santos 207–215

Responses of hyporheic meiofauna to habitat manipulation
L. Sliva, D.D. Williams 217–232

Influence of pulsed inflows and nutrient loading on zooplankton and phytoplankton community structure and biomass in microcosm experiments using estuarine assemblages
Y. Buyukates, D. Roelke 233–249

Zooplankton spatial and temporal distribution in a tropical oceanic area off West Africa
G. Champalbert, M. Pagano, B. Kouamé, V. Riandey 251–265

Temperature- and light-dependent performance of the cyanobacterium *Leptolyngbya foveolarum* and the diatom *Nitzschia perminuta* in mixed biofilms
E. van der Grinten, A.P.H.M. Janssen, K. de Mutsert, C. Barranguet, W. Admiraal 267–278

Implications of a hierarchical relationship among channel form, instream habitat, and stream communities for restoration of channelized streams
P.C. Smiley Jr., E.D. Dibble 279–292

Short Research Notes

Introduction of alien host–parasite complexes in a natural environment and the symbiota concept
P. Galli, F. Stefani, F. Benzoni, A. Zullini 293–299

Response of the tropical abalone, *Haliotis asinina*, larvae on combinations of attachment cues
R.S.J. Gapasin, B.B. Polohan 301–306

Habitat-dependent ecotype micro-distribution at the mid-shore in natural populations of *Littorina saxatilis*
M. Carballo, A. Caballero, E. Rolán-Alvarez 307–311

Notes on the occurrence of intersex in amphipods
A.T. Ford, T.F. Fernandes 313–318

Available online
www.springerlink.com